

Title (en)
MECHANICAL INTERFACE, MODULE SYSTEM AND MACHINE

Title (de)
MECHANISCHE SCHNITTSTELLE, MODULSYSTEM UND MASCHINE

Title (fr)
INTERFACE MÉCANIQUE, SYSTÈME MODULAIRE ET MACHINE

Publication
EP 2943313 B1 20200304 (DE)

Application
EP 14703278 A 20140109

Priority
• DE 102013100155 A 20130109
• EP 2014050306 W 20140109

Abstract (en)
[origin: WO2014108464A1] In order to provide a mechanical interface (13), in particular with a hybrid function and principle, in the field of micromachining for adapted and thus competitive manufacturing, a mechanical interface (13) for coupling one module to a module carrier or for coupling two modules is proposed, comprising a first interface component (14), a second module-side interface component (15), wherein the interface components (14, 15) are complementary to one another, a positioning means for repeatable positioning of the second interface component (15) on the first interface component (14) in a predetermined position, and a holding means for retaining the second interface component(15) on the first interface component (14), wherein the interface (13) has a data transmission means (27a, 27b) for transmitting data between the first interface component (14) and the second interface component (15), and a power transmission means (28a, 28b) for transmitting electrical power between the first interface component (14) and the second interface component (15).

IPC 8 full level
B23Q 1/00 (2006.01); **B23Q 3/12** (2006.01); **B23Q 3/18** (2006.01); **H04B 5/00** (2006.01)

CPC (source: EP)
B23Q 1/0009 (2013.01); **B23Q 3/12** (2013.01); **B23Q 3/183** (2013.01)

Citation (examination)
US 2007183315 A1 20070809 - FEUCHT WOLFGANG [DE], et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102013100155 A1 20140710; EP 2943313 A1 20151118; EP 2943313 B1 20200304; WO 2014108464 A1 20140717

DOCDB simple family (application)
DE 102013100155 A 20130109; EP 14703278 A 20140109; EP 2014050306 W 20140109